

AMENDMENTS TO THE ABSTRACT:

Please amend the Abstract as follows:

A system for power-saving task processing includes is provided, which avoids sudden stop of execution of tasks (i.e. sudden stop of execution of motions of a battery-powered apparatus) due to lack or insufficiency of battery power and extends the usable period of the apparatus while keeping substantially the same result of execution of tasks. This system comprises (a) a remaining power detector for detecting a remaining power of a battery, the remaining power detector outputting a detection result about a value or state of the remaining power of the battery; (b) a motion information storage for storing and a motion information table, the motion information table defining a relationship between values or states of the remaining power of the battery on execution of a task and a plurality of processes for each task. Each of the plurality of processes corresponds to a different for which complete execution is ensured at the respective values or states of the remaining power of the battery. The system also includes, and (c) a task controller that for controlling execution of tasks to be executed. When the task controller executes a task, the task controller chooses and executes one of the plurality of processes from the motion information table according to the detection result of the remaining power detector.